Release Notes Version 2.5.1

This document provides an overview of how Natural ISPF Version 2.5.1 differs from the previous version.

> **Important Note:**
> ⚠ With the release of Natural ISPF Version 2.5.1, versions lower than 2.4.5 can no longer be supported. You are therefore urged to migrate to the current version at your earliest convenience.
> With the release of the next Natural ISPF version, support for Version 2.4.5 will be stopped.

This document covers the following topics:

- Prerequisites
- Migration
- New Features
- Solved SAGSIS Problems
- Discontinued Support

Prerequisites

Before you can install Natural ISPF, the following Software AG products must already be installed at your site:

- Natural Version 3.1.6 or higher, including the Software AG Editor. If Natural 3.1.6 is used, solution fix NAT316L004 is required.
- Entire System Server 3.1.2 to access operating system data (optional)
- Entire System Server 3.2.1 and Natural 3.1.6 to exploit the new features (optional)
- System Automation Tools 3.1.3 (Service Pack 1 recommended) for MFE communication is required for SPoD users only.
- If VSAM files are used: Natural VSAM Version 3.1.6 or higher (optional).
- For an initial installation using Adabas system files, Adabas Version 7.1.2 or higher is required.

- If Predict is installed, Version 4.1.2 or higher is required.

Migration

- Migrating Version Data

- Versioning and profile data of Natural ISPF 2.5.1 is not downwardly compatible. We therefore recommend that you make a copy of your versioning file and of all Natural members in library SYSISPFU before starting the installation.
- Node table must be migrated using program ISPMINOP (delivered in library SYSISPI).
- Since the structure and length of Natural ISPF session data has changed, all user exits must be recompiled using the data areas installed with this version. If the field NODE or JOB-NUMBER is used in a user exit, check whether it will work with the new/extended format of these fields.
- All routines using the Open NSPF infrastructure must be recompiled with the new operation data format.
- Due to the format changes, any default values which are usually displayed in entry panels will be deleted when an entry panel is invoked for the first time.
- If you need any Com-plete user exit examples, you will now find them in the Natural library SYSISPE:
  - § UDSLNK
  - § UUPLNK

○ § UXELNK

Migrating Version Data

As of Natural ISPF Version 2.5, a new logical format of the versions file is used. No Adabas FDT or VSAM structure must be changed. Migration must be performed within the file. Any upgrade from a version lower than 2.5.1 requires migration.

Migration can be performed with SMA Job I200, Step 2005. At startup time, Natural ISPF checks for old version records. If migration has not executed or only in part, versioning is disabled.

For details, see Step 11: Loading / Migrating the Natural ISPF Versions File of the Installation.

New Features

This section describes new Natural ISPF Features. It covers the following topics:

- Common New Features
- New Features under OS/390
- New Features under VSE/ESA

Common New Features

- Support of 2-byte DBIDs
- Support for 7-digit job numbers

New Features under OS/390

- Display more information about alias in PDS member list and info function (Problem 231674).

New Features under VSE/ESA

- Support of VSE/ESA POWER CRE queue
- Retrieval of contents from VSAM catalogs

Support of VSE/ESA POWER CRE queue

Natural ISPF fully supports browsing of POWER spool files in the CRE queue by SPOOL-FILES and READ-SPOOL. A new SPOOL-FILES STATUS value, "CRE", has been added.

Retrieval of contents from VSAM catalogs

The CATALOG view now supports retrieval of information from the VSAM master catalog and VSAM user catalogs.

Solved SAGSIS Problems

This section describes solved SAGSIS problems for Natural ISPF.

The following problems have been solved and integrated into this release:

Problem	Description
220695	List datasets shows volser
222870	VSAM catalog not supported
225664	If TS=ON Browse Session Translated
226598	Operator command to wrong node
227594	NSC command restrict. not honoured
231674	Show more info about ALIAS
233260	LST PUN job no change to DISP=K
235276	TARGET FILE ESY5993 - DMS0D80
237664	APPLYMOD 101 does not work

Discontinued Support

Natural ISPF 2.5.1 discontinues support of compressing version files. This means that load modules are no longer delivered and command COMPRESS MV will no longer be available.